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TO RUFUS ASHLEY LYMAN

A QUIET, SERIOUS MAN WHO PURSUES HIS LIFE'S
WORK WITH THAT SPIRIT OF DETERMINATION
WHICH ALWAYS BRINGS SUCCESS.
HE IS ONE OF THE LEADING MEN OF THE DAY
IN THE UPBUILDING OF THE PROFESSION
OF PHARMACY, AND HIS WORK AT NEBRASKA
CANNOT BE COMMENDED ENOUGH.

TO HIM WE DEDICATE
THIS BOOK.



CHANCELLOR SAMUEL AVERY

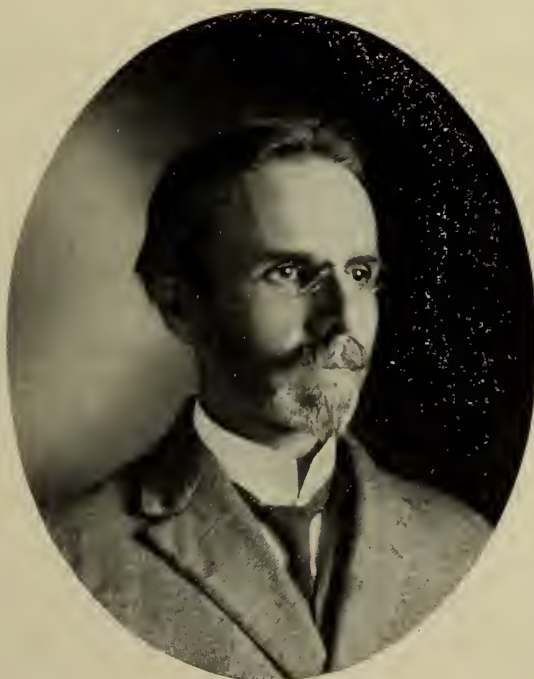
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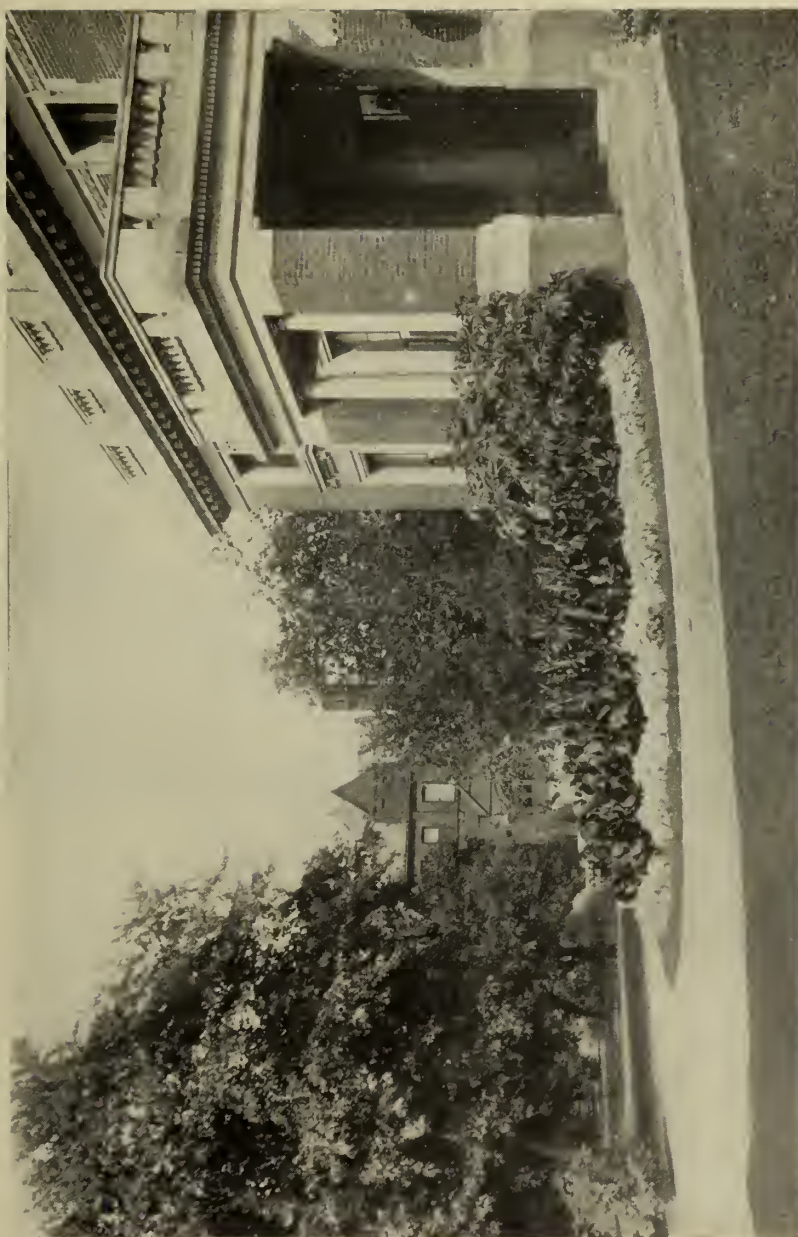
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THE CAMPUS SNOWBOUND

SENIORS

OWEN W. CONE, Lincoln, Nebr.

(Conie)

Φ Δ X; Pharmaceutical Society; Palladian.

"Engberg's double." An enthusiastic person with a fondness for rabbits and guinea pigs. Says Zoology is his favorite subject. We wonder why? Helped to design the new pharmaceutical pin.



LEONARD J. DETRICK, Upland, Nebr.

(Josephine De Tricks)

Pharmaceutical Society; Spatula Club.

Judging from his school work we predict a great future for him in the drug business. Always willing to give aid to the worthy ones. Shows great interest in the assaying of drugs. Spent most of his time last semester in the organic chemistry laboratory.



RUSSEL KIRK DAVID, Crofton, Nebr.

(Dave)

Φ Δ X; Pharmaceutical Society.

Likes to argue from the practical druggist's side of the question and has decided opinions which no one can change. He is thinking of becoming a benedict; if so, he has a good chance of becoming a diplomat. Looks at life pessimistically, but he is not as cross as he pretends to be.





EDWARD N. DORT, Auburn, Nebr.

(Eddie)

$\Phi \Delta X$; Pharmaceutical Society.

An industrious, hard working student; liked by everybody. Is very conscientious, always doing things right no matter how long it takes. His happy, cheerful nature is certainly contagious. Is assistant to "one" in Bacteriology. He has given us proof of his ability to argue in Pharmacy 28.



MARENE E. HOWARD, Lincoln, Nebr.

Pharmaceutical Society.

Takes great interest in student activities. Was president of the Pharmaceutical Society last semester. She has a peculiar fondness for botanical names in Pharmacognosy, for instance, Melaleuca Lencaden-dron. Her motto is "votes for women."



POTTER P. HOWARD, Lincoln, Nebr.

(Pitts)

$\Phi \Delta X$; Pharmaceutical Society.

A likable fellow who never fails to boost for the department. Has been business manager of the Annual for two years. Intends to enter the retail drug business where his ability is sure to win him great success.



GUY L. THOMPSON, West Point, Nebr.

(Julius Caesar)

$\Phi \Delta X$; ΔY ; Iron Sphinx; Pharmaceutical Society.

A sticker for facts. Has the happy faculty for telling the truth when it isn't always policy. The girls say he has a lovable disposition, and they ought to know, at least one of them. His power of oratory has gone abroad. If his good work keeps up he will become a "Sub." on Bryan's team. A leader in school affairs.



HENRY F. WORTHMAN, Lincoln, Nebr.

(5 o'clock Hank)

$\Phi \Delta X$; Pharmaceutical Society.

Always on schedule time. Never was late but once. Now, when he leaves the Uni. at 4:57, some of the milers sit up and take notice. Expects to enter the field of analytical work. Henry is noted for his neatness and carefulness.



RUDOLPH A. KOVANDA, Table Rock, Nebr.)

(Snoozer)

Komensky Club; Chemistry Club; Band.

A quiet, industrious sort of a chap who attends strictly to his work. His ability is not all centered on Pharmacy, as he is a good musician; for which his record in the band stands proof.



ALLEN R. IRWIN, Genoa, Nebr.

(Fat)

Φ Δ X; Pharmaceutical Society.

Isch ka bibble—Never substitute. "If your R calls for something you haven't got, leave it out; don't howl." He is responsible for the phrase, "If your studies interfere with social affairs, drop 'em." Fat is the happiest man in school and his good nature and jovial manners have saved the day more than once for pharmacy students.



FREDERICK G. LARSON, Harrison, Nebr.

(Swensky)

Ph. G., R. P.; Pharmaceutical Society.

Got in a hurry and wouldn't wait for the rest of us. We miss the smile and white hair. He says he hasn't been able to look a frog in the face since he finished his Pharmacology. At present he is in the retail drug business in his home town.



BARBARA C. OSBORN, Lincoln, Nebr.

(Bobbie)

Γ Σ Π; Pharmaceutical Society; Chemistry Club.

Has no regard for speed limits. Always in a rush. As a result she graduates from the College of Arts and Science and the School of Pharmacy in four years, which takes considerable energy. Barbara is noted for her bright nature, which, coupled with her technical training, is sure to win her great success.



GEORGE ALLES, Lincoln, Nebr.

(Skipper)

Pharmaceutical Society; (Special student)

Has decided views on the State Board. Looks at things from the practical stand point. Lab. hours 2 to 2:30. Says there is danger of contracting frogitis in Pharmacology. Intends to enter business in the near future.



THOMAS TRAUTT, Lincoln, Nebr.

(Tommy)

Pharmaceutical Society; (Special student)

Irish and can't help it. Says the only thing that keeps him from going to Mexico is that he may be called to Ulster. Is responsible for little pills being called pill-erets. His wit and jovial manners are a sure cure for the blues.



ROY A. WINNHOLZ, Kearney, Nebr.

(Socrates)

Pharmaceutical Society.

Majoring in Pharmacognosy. Says it is well worth his time. Is well liked because of his sly, sliding ways. Rather inclined to fight. (Hoffman.)



"Where we learn the physiological action of drugs."

JUNIORS

SAUL B. ARENSON, Lincoln, Nebr.

(Saw-Bill)

Pharmaceutical Society.

An enthusiastic worker in Pharmacy and Chemistry. Likes to display high grades in Pharmacy 22. Argumentation is his long suit. For instance, hear his version of "How Asafetida received its odor." Had charge of the special edition of the Nebraskan during Pharmacy week.



RALPH G. BATTY, Lincoln, Nebr.

(Frostie)

Chemistry Club; Pharmaceutical Society.

Known on the campus as a chemist. Says there is no reaction between Hexamethylene tetramine and diethyl-sulphonemethylethyl-methane. Ralph thinks that in order to be a pharmacist you have to be a chemist. Makes a good assistant in Chemistry 3.



REX BIXBY, Hardy, Nebr.

(R; Bix.)

Pharmaceutical Society; Cadet Band; Glee Club.

A conscientious student, but too modest by far. Tall and dignified, as becomes the honored president of the Pharmaceutical Society. Is a good talker and possesses a great deal of tact and diplomacy.



REX BONE, Nebraska City, Nebr.

(Bones)

Φ Δ X; Pharmaceutical Society.

He is a little boy, oh my! Is very quiet yet full of life. Likes to tell stories in Pharmacy laboratory. Is an energetic worker and regular in all his classes. Has an appropriate name.



GUSTAF A. BOSTROM, Lincoln, Nebr.

(Gus)

Φ Δ X; Pharmaceutical Society.

Gus the faithful, slow but sure. He is noted for his frank and open manner. Says there is no difference between a bolus and a "hoss pill." Spends all his spare time in Zoology looking for the missing link in Taenia Solium.



JESSE P. BROWN, Benkelman, Nebr.

(Brownie)

Pharmaceutical Society; Unions.

This particular Brown is known from the rest of the many Browns by his skill as a pill mixer. Is afraid of being overcome by heat, so is careful of the way he works in the laboratory. Never worries and is always good-natured.



MARTIN B. CHITTICK, Stuart, Nebr.

(Dimples)

A T Ω ; Pharmaceutical Society.

Is by birth a hustler, by trade a photographer, by inspiration a student, by design a chemist, by aspiration a pharmacist. Effervescent in spirit and genial in manner, an open personality has this man Chittick.



FLOYD E. FLETCHER, Kimball, Nebr.

(Fletch)

$\Phi \Delta X$; Pharmaceutical Society.

Fletch is a hustler of quite repnte,
And he is right there in a dispute,
He says what he means and means what he
says,

And he works it too in all manner of ways.

Chem. 1 and 2 is his only joy? Has decided matrimonial views.



ELMER M. HANSEN, Lincoln, Nebr.

(Elm; Shorty)

$\Phi \Gamma \Delta$; $\Phi \Delta X$; Pharmaceutical Society;
Spikes.

A popular fellow whose good nature wins him many friends. Found in the laboratory when he hasn't anything else to do. His ambition is to become a private secretary. He can argue long and loud.



EDWARD C. HOFFMAN, York, Nebr.

(Hoff)

Pharmaceutical Society.

Has always been known as long, slim, and slender. Is inclined to be slow in his work, but always succeeds in getting there. Uses Wimholz as a sparring partner.



VICTOR L. HICKS, Columbia, Mo.

(Vic)

Pharmaceutical Society.

Wears a monocle and claims he is from Missouri, with which we agree, for he couldn't be from any place else. Has a special seat in the Orpheum loft. Has an originality and humor all his own.



ANTONIUS A. LARSEN, Homer, Nebr.

(Dearie)

$\Phi P \Sigma$; $\Phi \Delta X$; Pharmaceutical Society.

In love with himself and has no competition. Is an assistant in Chem. 1 and 2, for which we must make allowance. Enlisted in the army to go to Mexico. His fussing ability is known all over the campus. Took an active part in the "stunt" University night.



MUYING SUP LEE, Ham Hueng, Korea.

(Sonp)

Pharmaceutical Society.

After a long search for an ideal pharmacy school, Lee entered the University. He is a fast worker, demonstrated by the fact that he completed Pharmacy 21 and 22 in one semester. He intends to enter the retail drug business in his native land.



HARRY D. McMURRAY, Manning, Iowa.

(Mac)

$\Phi \Delta X$; Pharmaceutical Society.

An Irish wit. Musically inclined, with a voice resembling Perusso's. Takes an active part in athletics, especially track work. His specialty is making ointments. Loves his sister workers in Physiology.



LEO L. PICKERING, Eustis, Nebr.

(Pick)

Pharmaceutical Society.

Pick is a hustler. Is very shy and modest. Says he is afraid of the girls and we are inclined to believe him in spite of his affectionate ways. A peaceful, quiet citizen altho he is named after the King of the Jungle.



Once upon a time a senior in cap and gown
Got on the state board balance and couldn't pull it down.
"I am overtrained," the noted senior cried,
But the board was on its back heaving awful sighs.

SOPHOMORES

HARRIET F. ANDERSON, Genoa, Nebr.

(Spigelia)

Pharmaceutical Society.

Short, sweet and lovable. We need such students as she with her record of the past year. A jolly, good-natured girl with a laugh that makes you laugh. Is secretary of the Pharmaceutical Society.



ERNEST W. SCHAUFELBERGER,

Fairbury, Nebr.

(Baldy)

Φ Δ X; Pharmaceutical Society.

Spends his week ends at Fairbury. Claims Swiss as his nationality, but his name belies the fact. Ernie is one of the most thoro and hard working students in school. He is fitting himself for special work in serums from which his friends expect great results.



CHARLES G. SAMUELSON, Milford,

Nebr.

(Swede)

Pharmaceutical Society.

A typical son of the North. He speaks four languages fluently, including the U. S. P. He finds it difficult to pronounce Botanical names in Pharmacognosy.





OFFICE OF THE STAFF.

LIFE'S COMIC SIDE

"My dear," said the head of the house one morning, "I called Jimmy four times this morning, and he didn't answer so I turned down the covers on his bed and gave him a good spanking."

"Oh, Francis, how could you? That means that I'll be hunting a new cook."

"How's that?"

"Jimmy stayed over at the Smith's all night, and the cook slept in his bed."

CIGARS ON HANSEN

One day out in South Lincoln a fellow by the name of Beams and a pal of his walked into Hansen's Pharmacy and said, "Hansen, we have just made a bet of the cigars. We will take them now and when the bet is decided the loser will drop in and pay for them."

After they had received the cigars and were walking out, Hansen asked then what the bet was.

"Well," said Beams, "our friend Kirk bets that when Killen is elected governor sickness will be in the reach of all, and I bet it wouldn't."

Barbara and her friend were spending spring vacation in the country, "Do you know," said Barbara, "that young farmer tried to kiss me. He told me that he had never kissed any girl before." "What did you tell him?" asked her friend. "Why," replied Barbara, "I told him I was no agricultural experiment station."

A woman in a Christian Science testimonial meeting said that her old cat had three kittens born stone blind and after praying nine days they received their sight.

SAPONIFICATION NO. 99,999

One day in class the teacher was commenting on that part of the story of Archimedes, where he leaped from his bath shouting, "Eureka! Eureka!" The teacher asked what Eureka meant. The little boy replied, "Eureka means 'I have found it.'" "But what had Archimedes found?" The boy hesitated a moment and said, "The soap, mum."

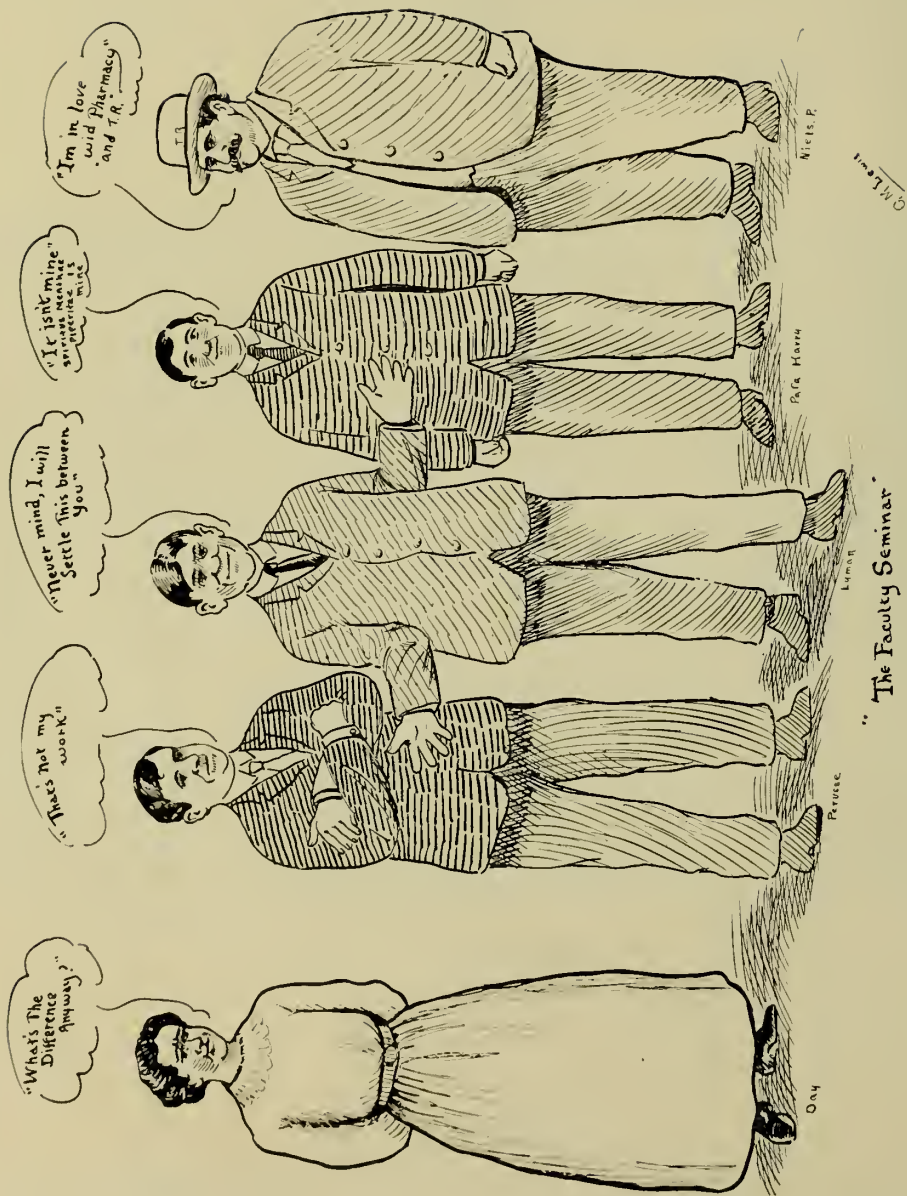
Perusse had reproved his students for talking back in class. "This is a class in Pharmacy, I am not conducting an afternoon tea," he remarked sarcastically. Next day Dort was late. Perusse waited until he was seated and then said, "How will you have your tea, Dort?" "Without the lemon," replied Dort.

"Do you see that door? Another word and out you go never to return!"

"SOME SPEECH"

"My dear ladies, in this land of equal suffragism we are going to carry the vote to every state. Let the Antis beware, for the members of the Cause are noted for their beauty, their versatility, their conceit and their humor.

"France had her Joan of Arc, England has her Pankhurst, and I say we have our Pinkham. My heart is in this cause, and I must pause until it comes back to me."—Russel Kirk David. (Podunk Journal.)



A bacillus grasped a germ by the waist,
And they did a toxin fling,
While a plump, little animalculus
Played a creepy, woozy thing.
The lights burned low and the heavy breath
From the censor covered all,
For the dance they danced was the mortuary hug,
At the pharmaceutical ball.

Microbes in the kiss, you say?
Right you are, my boy;
Little germs of purest bliss,
Bacilli of joy.—Guy L. Waite.

Wonder what kind of liquid they will use to christen the new battle-ships with now—Sarsaparilla?

“What was the matter with that fellow, Doctor?”
“Nothing.”
“Did you tell him so?”
“Well, yes, in Latin.”

Howard says that Quassia has a helva taste.

Detrick says the girls are like his sister, they are always picking at him.
(POOR Josie.)

Found—After the Formal, Martin Chittick kissing a ten-dollar bill good-bye.

CRADLE SONG OF THE MODERN BABY

Hush-a-bye, baby, thy cradle is green,
Mother's a Ph. D., father's a dean;
Sister's a suffragist making a noise;
And brother makes bombs for the anarchist boys.—(From Judge.)

A clipping taken from a Lincoln paper just after the Phar. Society, had been organized. Evidently this sign was misinterpreted: “Pill-rollers meet in U. 4, Friday, May 3, 4:30 p. m., important. This announcement was posted on the door of one of the rooms in University hall at the state university this morning, by whom no one seems to know. Cigarette smoking is not allowed on the campus, so that such an organization as ‘pill-rollers’ would hardly dare to meet in any of the buildings. Perhaps they will only meet to try to get the authorities to rescind their order of no smoking. Whether or not they will indulge in a few puffs this afternoon remains to be seen.”

Mrs. Howard—“You want to remember I refused you the first time you proposed.”

Howard—“Yes, I remember you suspended sentence.”

CHRONOLOGY OF THE SCHOOL OF PHARMACY

1908. April 23. Establishment.
Dr. Lyman appointed Director.
June 24. F. J. Perusse, Instructor in Pharmacy.
Sept. 15. H. L. Thompson first matriculate.
Oct. 15. Organization of the Phar. Society.
1909. April 13. Elsie Day, Instructor in Pharmacognosy.
May 22. N. P. Hansen, Instructor in Com. Pharmacy.
1910. May 10. Perusse passed the State Board.
June 1. Dr. Lyman, new hat.
1911. Jan. 27. First Phar. Soc. Banquet.
June 11. Miss Day, registered pharmacist.
1912. Mar. 22. Phi Delta Chi installation.
May 8. H. L. Thompson passes board.
May 10. Phar. Lab. swept.
Aug. 29. School of Phar. placed in registered class by the N. Y. Board.
1913. H. L. Thompson, Instructor in Pharmacy.
Nov. 12. School of Phar. admitted to Am. Conference of Phar. Faculties.
1914. March 27. Debate: G. L. Thompson vs. Waite.
May 11-16. Pharmacy Week.
Wednesday—Banquet at Lindell—Perusse, a new desk.
Thursday—Special Convocation.
Friday—Picnic.
June 12. Graduation.



"Which is which?"
"Owen" "His Double"



"Barbless Barbara"



"Really Gone Batty"



"Detrick"



"Fat"



"Pills"
"The Scraper"
"Uncle Guy"



"Two in one"



"Our Proxy Student"



"Brownie"



"Ernie"
"SUNDAYS"
"AT Fairbury"



"HEINE"
"BETS"
"To-Be!"



"Dort"



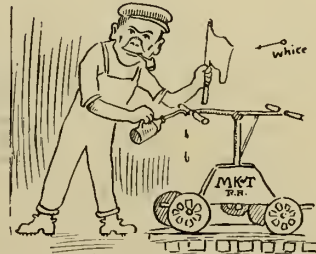
"Antonious"



"Elmer"
"GET BUSY"



C.M. Lewis
14



"A GAME TROU"

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LINCOLN, - - NEBRASKA

EARLY PHARMACEUTICAL COURSES IN THE UNIVERSITY

BY CHARLES E. BESSEY

A little more than twenty years ago Chancellor Canfield called me into his office and urged that the Department of Botany should offer courses in Pharmaceutical Botany, and suggested that I visit the University of Kansas and confer with Dr. Sayre, who had developed such courses in that institution. Accordingly I visited Kansas and held long conferences with Dr. Sayre, and upon my return to Lincoln reported favorably upon the Chancellor's suggestion, and the following year a two-hour course was announced for each semester. These courses were quite elementary in nature, and consisted of lectures and text-book work twice a week and four hours each week of microscopical laboratory work, in two two-hour periods. In the lectures and text-book work the attempt was to give the student some notion of the botanical relationship of the plants which yield drugs, as well as the characteristics by which they may be recognized. Emphasis was laid upon the fact that to a great extent the members of the same family are apt to have similar but not identical properties.

In the laboratory the crude drugs were studied, so as to acquaint the student with their appearance to the naked eye and also their microscopical differences and resemblances, and it is not too much to say that students who did the work as it was laid out for them learned a good deal about the structure and identification of drugs. While it was not the purpose of these courses to emphasize the therapeutical qualities of plant drugs, it was impossible to avoid some consideration of this part of the subject, and so it often happened that the discussions ranged far into the therapeutic field.

These courses were offered to the "Premedical students" in the period before the establishment of the Medical College of the University. Courses in Chemistry, Zoology, Physiology, and Botany were arranged in a group of studies covering two years of pretty stiff work, and this was what the University recommended to the young men who proposed some day to study medicine, and it was in this group of premedical studies that the Pharmaceutical Botany of fifteen and twenty years ago was found.

For many years the teaching of this class fell to me, and as many of my notions are rather heterodox in regard to the actual physiological value of many drugs, I am pretty certain that I contributed somewhat to the growing feeling of distrust of medication, especially in its more popular aspects. In the later years of the existence of these courses the teaching was passed over to other members of the botanical staff, namely, to Dr. Metcalf and later to Dr. Heald. Then, when the work was broadened into Pharmacognosy, it was wholly relinquished by the Department of Botany.

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SMILES AND CHUCKLES

Little drops of water
Carbonated fizz,
Help the thrifty druggist
To do a lot of biz.

Batty had a little gun,
It was a forty-four.
Batty thot he'd have some fun
Batty is no more.

Miss Day—"What is malt?"
Dort—"It is a mixture of wheat,
corn and rye."
Miss Day—"Oh! a sort of pan-
cake flour."

Fair Coed (to Tony Larsen)—
"What is your name?"
Tony—"I have two names, Tony
and Dearie, and you can call me
by either."

Dave—"Elmer makes sure of
himself before he does any boast-
ing."
Fat—"A safe blower, eh?"

A freshman pharmacist was
wrecked on an African coast
Where a cannibal king held
sway;
They served up the freshman on
slices of toast
On the eve of the very next day.
But the vengeance of heaven fol-
lowed swift on the act,
For, ere the moon was seen,
By Cholera Morbus the tribe was
attacked,
For the freshman was terribly
green.

"Do you darn your husband's
socks?" asked Mrs. Thompson of
Mrs. Perusse.

"Darn them," echoed Mrs. Per-
usse. "My dear, I use a stronger
word than that."

Tony—"Dort, have you turned
the gas on in our room yet?"

Dort—"Yes, you boob, can't you
smell it?"

Von Guff—"I say, Soak, you're
a pretty good judge of liquors.
Does whiskey improve with age?"

Old Soak—"Gad, I never kept
any long enough to find out."

Druggist—"What did you cam
fur?"

Kid—"To see what your pills
sul fur?"

Druggist—"How many do you
want?"

Kid—"What are they worth,
man?"

Small Boy—"I want some medi-
cine to reduce fat."

Drug Clerk—"Anti-fat?"

Small Boy—"No, Uncle."

McMurray (in chem. lab.)—"If
(H) 2 parts and (O) 1 part form
water, what will chloroform?"

Fletcher—"Why, er-er-formalde-
hyde, of course."

First Flea—"Been on a vaca-
tion?"

Second Flea—"No, been on a
tramp."

First Flea—"Well, what made
made you get off?"

Second Flea—"He bought some
of Pernsse's "Sure Death to In-
sects Lotion."

TO WORTHMAN

Here's to our friend who is soon
to be wed,

May the double hitch turn out
no botch,

And always the picture he hides
in his heart

Be the same he has stuck in his
watch.

THE TREND OF MODERN PHARMACEUTICAL EDUCATION

DR. R. A. LYMAN

Three or four decades ago the academic qualifications for those who wished to take up the study of medicine or pharmacy consisted of the ability to read and write one's native tongue with a reasonable degree of accuracy. The student having satisfied this requirement was ready to begin his professional studies. In those days there were few or no professional schools. The student of medicine must get his knowledge in the office of the practitioner of medicine with whom he might associate himself, while there was nothing for the student of pharmacy to do but to enter an apothecary shop as an apprentice. In either case information was obtained very largely by the "picking up" process. A process which in its day had its good points. Nothing better had been devised.

In the last few years no department of human education has made more rapid progress than the medical science. Great institutions have been established for the sole purpose of giving medical instruction. These institutions represent the investment of millions of dollars of private and public funds. Medical problems are so complex that only those with exceptional scientific training are able to cope with them successfully. This has made it imperative that the academic attainments be made greater for those intending to enter upon the study of medicinal problems. Thus in the space of only a few years we have seen our first-class medical schools increase their entrance requirements from the ability to read and write to from two to four years of college work. The apprenticeship as it was formerly practiced has no place in the medical training of today.

The rapid development in medicine has, of course, made new demands upon and placed greater responsibilities upon pharmacy. In many states the apprentice system is still in vogue, but we are realizing more clearly as the weeks slip by that a man can no longer become an efficient pharmacist without certain academic prerequisites and a careful didactic and laboratory training in the subjects which appertain to pharmacy. A glance at the present status of pharmaceutical education is sufficient to convince one that we are on the verge of phenomenal advances in the matter of training. The American Conference of Pharmaceutical Faculties is an organization of the best American schools for the purpose of improving pharmaceutical training. A few years ago it gave as a minimal for schools holding membership one year of high school and two years of professional training. Last year a second year was added to the high school. Many state institutions in the west, including the Universities of Nebraska, Colorado and South Dakota, are already requiring a four-year high school as entrance to their Schools of Pharmacy and several other western states have signified their intention of so doing in the near future. While the academic requirements are being increased there is the same tendency seen as regards the lengthening of the period of professional education. At present all universities of the rank of Nebraska are giving two-, three- and four-year courses. There is a feeling prevalent

among pharmaceutical educators, however, that the two-year course should be dropped in the near future and that the three- and four-year courses only be retained. A study of the registrations in a number of first-class institutions shows that the matter is working itself out, as a proportionately greater number of students are registering in the three- and four-year courses. In the University of Nebraska, for example, of those registering in September, 1913, better than 50 per cent entered the four-year course leading to the bachelor's degree. Professional pharmacists and educators realize that the pharmacist cannot command the respect of men of other professions or of the public unless their training, professional or otherwise, and the service which they render to the state is of such a nature as to demand that recognition.

The University of Nebraska is working toward these ideals in Pharmacy.

AN ASSAY LABORATORY IN A DRUG STORE

Too much stress cannot be placed upon the importance of the assay of drugs, chemicals, and preparations in dispensing and in manufacturing.

Pharmacists have depended entirely too much upon the other man, commercial chemist, the wholesaler, and the manufacturer, to do his testing and give a guarantee that what he buys is up to the standard. But too often the guarantee of the Pure Food and Drugs Act of June, 1906, is of no avail, when "imitation," "artificial," or other terms of branding are used, the article purchased is not what was wanted.

Imitation, substitution, and adulteration is practiced more today than ever before, and pharmacists must recognize these facts, unless they too wish to practice the same art, if so it may be called, and thereby injure their integrity as a pharmacist and the dignity of the profession.

Many, many criticisms have been made against the placing of an assay laboratory in a drug store, chiefly,—too much time is consumed, waste of time (?), too much expense in keeping it up, and too much study required. Yet few pharmacists really realize what a handy pharmacist's book the United States Pharmacopœia really is, and that much of the work done by others could be done by himself.

The new edition of the United States Pharmacopœia, as can be read from abstracts in Pharmaceutical Journals, will contain more of assay work than ever before, and every pharmacist, to be up to date, will find it profitable to take heed to the new changes about to be made.

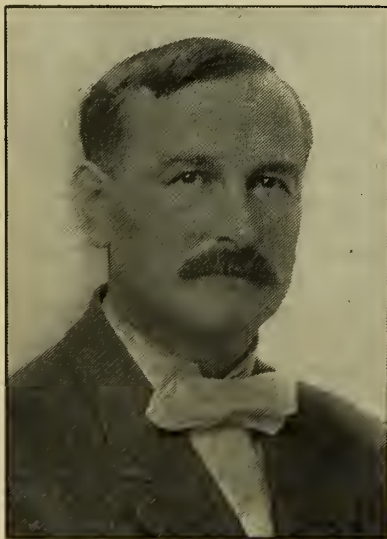
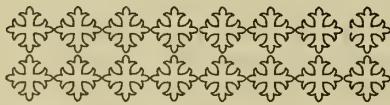
It would be no trouble at all for a pharmacist to equip himself with a laboratory in connection with the rest of his business, where he can carry on his manufacturing of pharmaceutical preparations and do his own assaying of his preparations, drugs, and chemicals.

The minimum outfit of apparatus would consist of the following (approximately \$100 to \$150) :

- 1 balance, analytical, capacity 200 grams, sensitive to 1-10 mgm.
- 1 weights, analytical, 100 grams to 1 milligram.
- 1 bath, sand.
- 1 bath, water, copper.
- 1 dozen nests beakers, 100cc. to 250cc.
- 1 bottle specific gravity, Squibb's, 25cc.



F. D. THOMPSON, M. D.



J. N. THOMPSON

GREETINGS
TO
ALL

Thompsons
Pharmacy

"The Corner
Drug Store"

West Point, Nebraska

- 2 bottles, weighing tubes.
- 1 bottle, washing.
- 2 burettes, Mohr's, 50cc., graduated in 1-10cc.
- 1 burner, gas or blast coal-oil.
- 1 centrifuge, if possible.
- 1 clamp, test tube.
- 1 condenser, Liebig's.
- 1 condenser, Allihn's.
- 1 set cork borers.
- 4 crucibles, porcelain, with covers.
- 1 set cylinders, graduated, 10cc, 25cc., 50cc. and 100cc.
- 1 each cylinders, graduated and stoppered, 500cc. and 1000cc.
- 1 dessicator, Scheibler's.
- 6 dishes, evaporating, porcelain.
- 1 Barnstead automatic water still, Druggist's Junior.
- 1 extraction apparatus, complete, Soxhlet's.
- 6 flasks, Erlenmeyer, 250cc.
- 1 each flasks, volumetric, 100cc., 250cc., 500cc. and 1000cc.
- 1 flask, acetylation.
- 1 flask, cassia.
- 6 funnels, different sizes.
- 2 funnels, separatory, 250cc.
- 5 lbs. glass tubing.
- 1 hydrometer.
- 1 microscope, if possible.
- 2 percolators.
- 1 support, burette.
- 1 support, test tube.
- 1 thermometer, centigrade.
- 2 mortars and pestles, porcelain.
- 3 dozen test tubes.
- 1 each pipettes, 1cc., 2cc., 5cc., 10cc. and 25cc.
- 1 set urine analysis outfit.

A special closet for the most important U. S. P. reagents.

The U. S. P. and N. F. and other books of reference.

With the above list of apparatus the pharmacist can assay inorganic and organic chemicals, acids, bases, salts, their solutions and preparations; the volatile and fixed oils, fats, waxes, resins, crude drugs, extracts, fluid extracts, tinctures, spirits, and similar preparations, standardized chemically; and he can carry out qualitative tests of inorganic and organic nature for the identification of substances, or test for their impurities. He can determine the constituents in proprietary and patent remedies, and other unknown preparations. He can extend his work along toxicological lines, running poison analyses of metals, alkaloids, and other poisons; or furthermore, he can carry out chemical and microscopical analyses of urine, milk, water, and foods.

Along these lines just mentioned a pharmacist with such an analytical laboratory in his drug store would win a good reputation as a pharmacist and pharmaceutical chemist, and could serve his community in many useful ways before unknown.

H. L. THOMPSON,

Instructor, School of Pharmacy, U. of Nebr.

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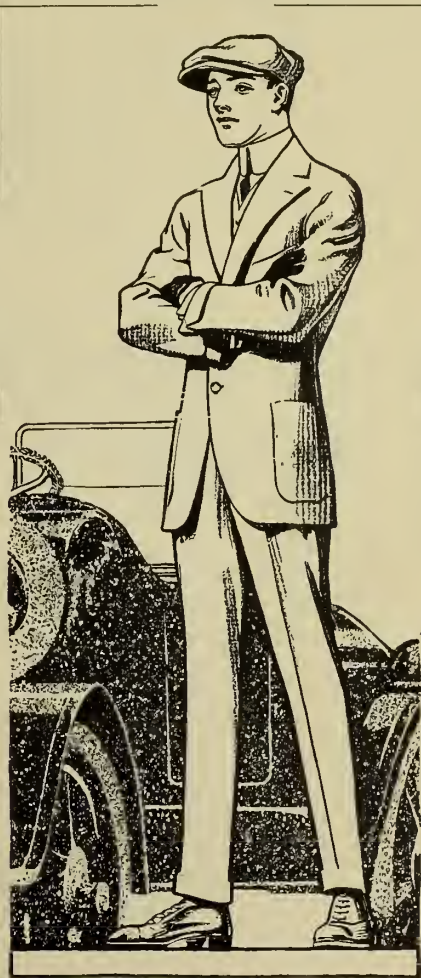
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NEBRASKA DRUGGISTS

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Give our salesman your order or send direct to us for as good a line of Candy as you can buy anywhere, and we will assure you prompt service and individual attention.

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Over a Quarter
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Quality Shows**Where "Haja"****Goes.****Sundries.**

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| Haja Bathing Salt | \$1.25 |
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| Haja Bay Rum Hair Oil | 1.50 |
| Haja Coconut Hair Oil | 1.50 |
| Haja Camphor Ice Boxes | .65 |
| Haja Camphor Ice Tubes | .75 |
| Haja Shampoo Liquid | 1.75 |
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| Haja Sewing Machine Oil..... | .75 |
| Haja Fish Food | .60 |
| Haja Roller Bird Seed | 1.00 |
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| Haja Insecticide | 1.50 |
| Haja Liq. Insect Destroyer | 1.75 |
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| Richardson's Dipofectant, Gals. | \$7.50 |
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UNIVERSITY NIGHT

The "stunt" put on University Night by the Pharmics was classy and full of spirit from start to finish. It was a representation of an ethical pharmacy. Elmer Hansen was the porter and was a good show by himself. Tony Larson was supposed to be N. P. Hansen, and carried his part thru nicely. Harry McMurray, as the "son just back from school," was certainly the typical know-all college kid. The way in which Rex Bixby, as Dr. Lyman, extracted tapeworms and cured cases of strychnine poisoning would have made a hospital staff envious. Gus Bostrom, as the poisoner, displayed all of the symptoms of strychnine poisoning, from the Risus sardonicus to the opisthotonos. Saul Arenson, as Prof. Perusse, gave a sleight of hand performance in pill-mixing. Barbara Osborn, as Miss Day, E. Dort, as Prof. Thompson, and Kirk David, as the bald-headed man from home, played their parts to perfection and left nothing to be desired.

PHARMACY WEEK

For the first time in the history of the school we were allowed a week, from May 11 to 16, to be known as Pharmacy Week. On Wednesday evening the annual banquet of the Pharmaceutical Society was held at the Lindell Hotel. The guests included Prof. W. J. Teeters, Dean of the College of Pharmacy, University of Iowa, the Nebraska Board of Pharmacy, Chancellor Avery, Dr. Dales, C. R. Sherman, A. V. Pease, and many of the prominent retail druggists of the city. Dr. R. A. Lyman presided as toastmaster. Thursday, May 14, a special convocation was held. Dean Teeters gave an address which was intensely interesting to those who heard him. At 12 M., following convocation, a luncheon was held on the east balcony of the Commercial Club, in honor of Dean Teeters, N. P. Hansen presiding. All friends of the School were invited to be present. On Friday afternoon a picnic was held at Epworth park. There were many athletic stunts, including a ball game, which aroused a great deal of excitement. This week will be remembered by all as one of great pleasure even by those who were enjoying the exams.

PROGRAM FOR PHARMACY WEEK

The following toasts were responded to at the banquet:

Welcome....H. McMurray, Vice-President of the Pharmaceutical Society
The End in View.....D. J. Killen, Beatrice
The State Association.....C. S. Wilson, Lincoln
Should Nebraska Have a Prerequisite Law?.....S. E. Ewing, Creston
PillsP. P. Howard
The Function of the State Board.....N. P. Hansen, Lincoln
The Chemist and Druggist.....Dr. Benton Dales, Lincoln
The Scholarly Druggist.....A. V. Pease, Fairbury
The Pharmacist as a Money Maker.....C. R. Sherman, Omaha
My Idea of a Pharmacist.....Chancellor Avery
The Pharmacist as a Salesman.....Dean Teeters, Iowa City, Iowa

CONVOCATION

SelectionString Quartet
InvocationRev. R. Caughey
ReadingCloyd Stewart
RemarksDr. R. A. Lyman
AddressDean Teeters
SelectionString Quartet

LUNCHEON IN HONOR OF DEAN TEETERS

Speakers—Dean Teeters, Dean Bessey, J. E. Harper, C. R. Sherman,
A. V. Pease, A. S. Raymond.



"THROUGH."



THE SCHOOL OF PHARMACY of the University of Nebraska offers courses in pharmacy of two, three and four years, preparing for service in various lines of pharmaceutical work. The reputation of the University is too well known to require comment here.

The reputation of the student body may be gleaned from this book.

Read it and you will be interested in us.

Write us; we are interested in you.

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The only institution in Nebraska holding membership in the American Conference of Pharmaceutical Faculties.

THIS BOOK IS AN ANNUAL PUBLICATION AND WE HAVE TRIED TO MAKE IT AS TYPICAL OF THE SCHOOL AS POSSIBLE. IF IT DOES NOT MEET WITH YOUR APPROVAL COME AND HELP US GET OUT A BETTER ONE NEXT YEAR. WE ARE VERY GRATEFUL FOR THE ASSISTANCE WE HAVE RECEIVED AND ESPECIALLY SO TO NEILS P. HANSEN.

STAFF.



“WHO GETS THE DOG?”





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